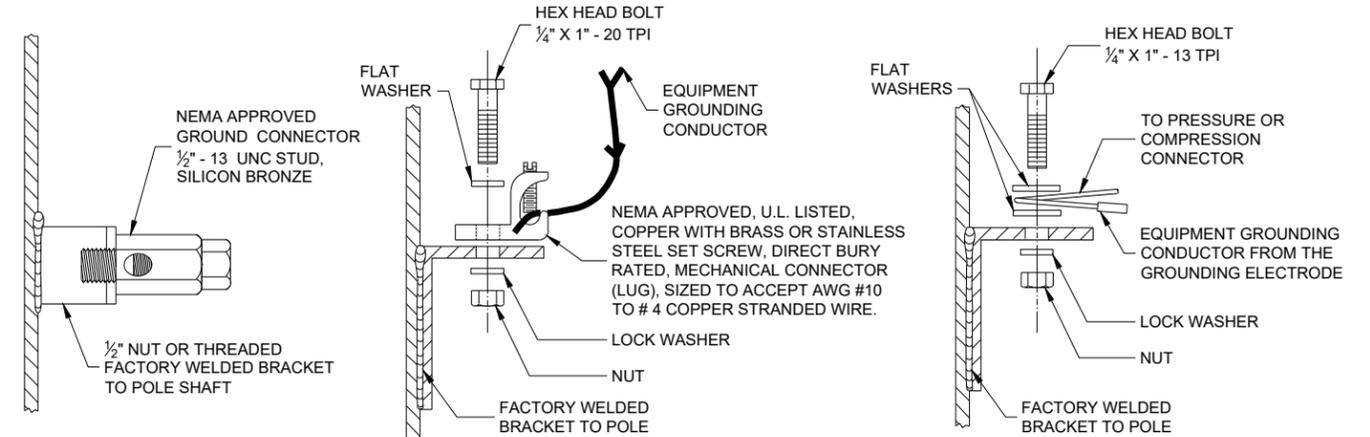
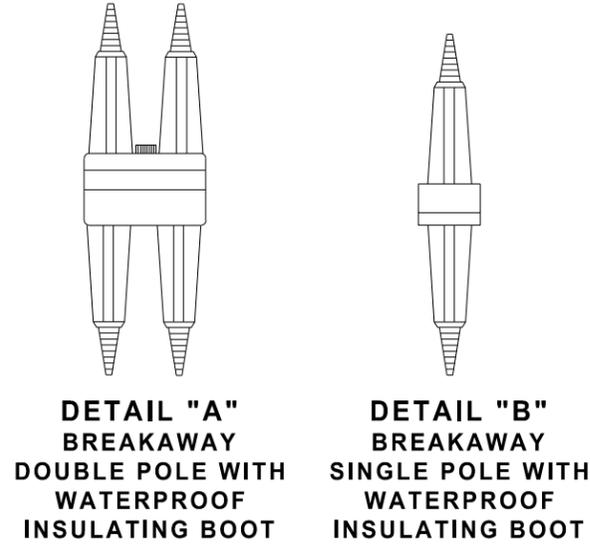
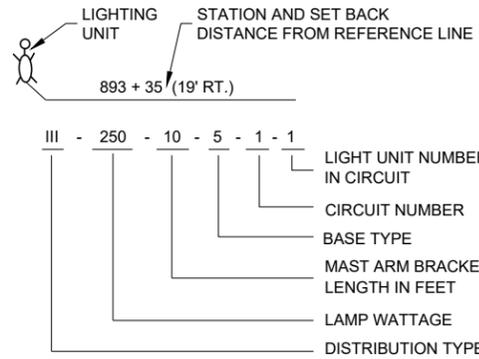


## GENERAL NOTES

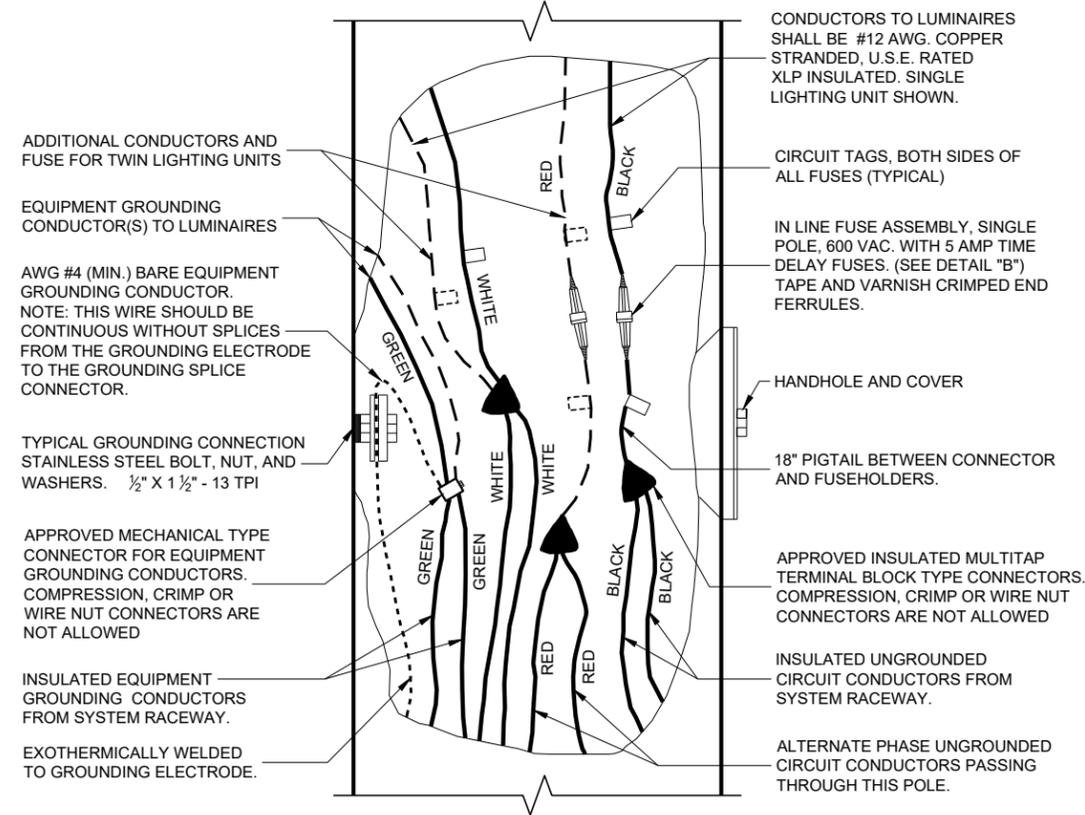
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

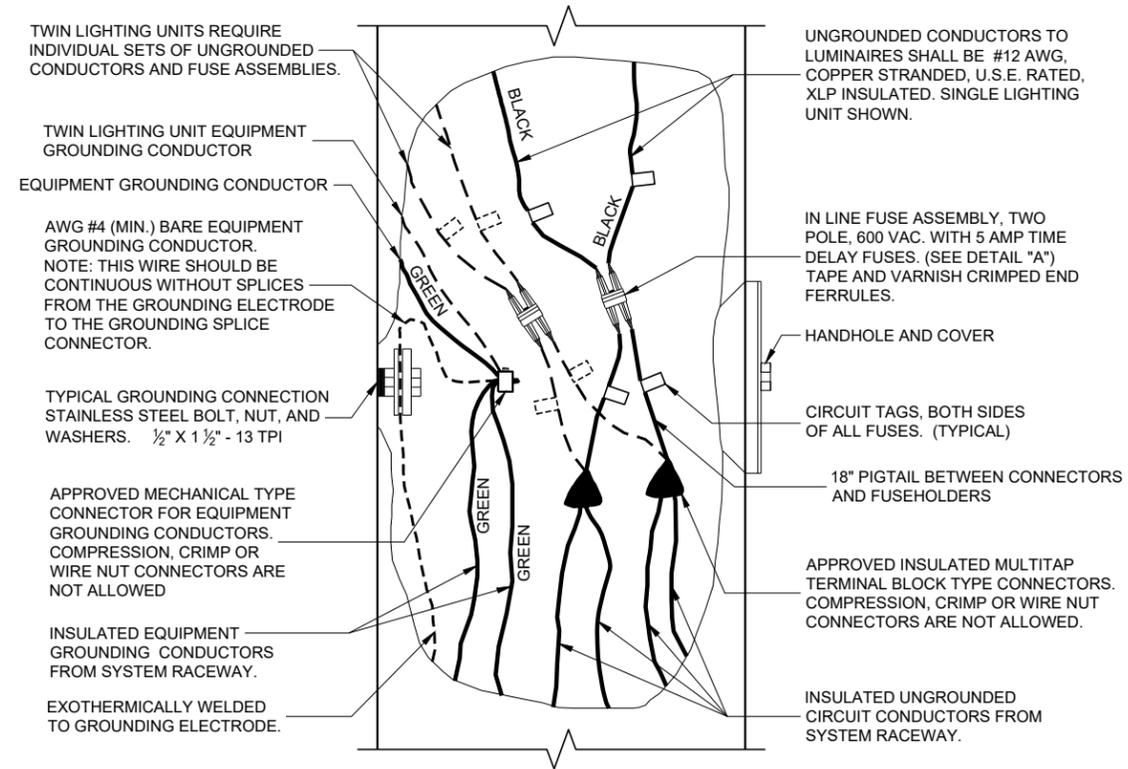
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.



## LIGHTING UNIT CODE (TYPICAL)



**3 WIRE - 120, 240 OR 480 VAC (UNGROUNDING CONDUCTORS)  
WITH GROUNDING CONDUCTOR AND  
EQUIPMENT GROUNDING CONDUCTOR**



**2 WIRE - 240 OR 480 VAC (UNGROUNDING CONDUCTORS)  
WITH EQUIPMENT GROUNDING CONDUCTOR**

## NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
November 2018 /S/ Ahmet Demirebilek  
DATE STATE ELECTRICAL ENGINEER

FHWA

Non-Freeway Lighting Unit Pole Wiring

References:

- [FDM15-5 Attachment 30.5](#) and [30.6](#) for conventional symbols.
- [Standard Spec. 655](#) Electrical Wiring
- [TSDM 5-1-6](#) for determining electrical cable quantities

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
655.0600 - 0699	Electrical Wire Lighting (AWG) .....	LF

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

- [SDD 9E1](#) Pole Mountings, sheets "a", "b", "c", "d", "e" and "f"
- [SDD 9E8](#) Type 9, Type 10, Type 9/10 Special, Type 12 and Type 13 Poles with Monotube Arms, sheets "e", "f", "g", "h", "j", and "k"
- [SDD 9E12](#) Over Height Poles and Monotube Arms, sheets, "b", "d", and "e"
- [SDD 10A1](#) Electrical Handhole Wiring
- [SDD 10A2](#) Identification Plaques Light Poles
- [SDD 10A3](#) Circuit Identification Plaques Sign Bridges
- [SDD 10A4](#) Identification Plaques Underdeck and High Mast Lighting
- [SDD 10A5](#) Electrical Details Ground Mount Light Poles Isolated Neutral Systems
- [SDD 10A6](#) Electrical Details Ground Mount Light Poles Phase-to-Phase Systems
- [SDD 10A7](#) Electrical Details Ground Mount Light Poles Phase-to-Phase Systems
- [SDD 10A8](#) Electrical Details Structure Mount Light Poles Isolated Neutral Systems
- [SDD 10A9](#) Electrical Details Median Mount Light Poles Isolated Neutral Systems
- [SDD 10A10](#) Electrical Details Structure Mount Light Poles Phase-to-Phase Systems
- [SDD 10A11](#) Electrical Details Median Mount Light Poles Isolated Neutral Systems
- [SDD 10A12](#) Electrical Details Median Mount Light Poles Grounded Neutral Systems
- [SDD 10A14](#) Electrical Details High Mast Lighting, sheets "a" and "b"
- [SDD 10A15](#) Electrical Details Underdeck Lighting, sheets "a" and "b"
- [SDD 10A17](#) Poles, sheets "a", "b", and "c"
- [SDD 10A18](#) Luminaire Arms, sheets "a" and "b"

Design Notes:

NONE

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